

The diagram illustrates the wiring for a 15-pin POS MOLEX plug and male terminals. The components and their connections are as follows:

- SLAM SWITCH:** Connected to pins 6Y and 6Y.
- COIN SWITCH #1 (RIGHT):**
 - Inputs: BK/DB, DR/BK, OR.
 - Outputs: OC, N.O., N.C.
- COIN SWITCH #2 (LEFT):**
 - Inputs: BK/N, V/BK, Y.
 - Outputs: OC, N.O., N.C.
- LOCKOUT COIL:** Connected to pins BK/DB and BN/BK.
- COIN COUNTER:** Connected to pins 6Y and 6Y.
- 15 PIN POS MOLEX PLUG + MALE TERMINALS:**
 - 1: BU
 - 2: BU
 - 3: R
 - 4: GN/R
 - 5: BK/OR
 - 6: DR/BK
 - 7: OR
 - 8: BK/Y
 - 9: V/BK
 - 10: Y
 - 11: 6Y
 - 12: GN
 - 13: BN
 - 14: GN
 - 15: BK/BK

FRONT VIEW OF COIN DOOR: Shows the physical layout of the coin door with labels for COIN #1 (RIGHT) and COIN #2 (LEFT).

The circuit diagram is divided into three main sections: Power Supply, Preamplifier, and Amplifier Stages.

Power Supply: A 5V REG section at the top right shows a +5V REG input connected to a J7 connector. The circuit includes a 5V REG output, a 5V REG input, and a 5V REG output. The output is connected to a 5V REG output, a 5V REG input, and a 5V REG output. The output is connected to a 5V REG output, a 5V REG input, and a 5V REG output.

Preamplifier: The LM305 op-amp is configured as a voltage follower. The input is connected to the non-inverting input (pin 3), and the output (pin 1) is connected to the inverting input (pin 2). The op-amp is powered by a 5V REG supply.

Amplifier Stages: Two identical amplifier stages are shown, each using a 2N3904 transistor. The first stage (top) is driven by the preamplifier output. The second stage (bottom) is driven by the output of the first stage. Both stages use a common-emitter configuration with a 10kΩ base resistor (R14, R18), a 10kΩ emitter resistor (R15, R19), and a 10kΩ collector resistor (R16, R20). The output of each stage is connected to a speaker (SPKR 1 and SPKR 2) through a 10kΩ resistor (R17, R21).

Components: The circuit includes various resistors (R1-R21), capacitors (C1-C17), and integrated circuits (LM305, 2N3904, 2N3055, 7805, 7806, 7809, 7812, 7815, 7818, 7820, 7822, 7824, 7826, 7828, 7830, 7832, 7834, 7836, 7838, 7840, 7842, 7844, 7846, 7848, 7850, 7852, 7854, 7856, 7858, 7860, 7862, 7864, 7866, 7868, 7870, 7872, 7874, 7876, 7878, 7880, 7882, 7884, 7886, 7888, 7890, 7892, 7894, 7896, 7898, 7900).

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